



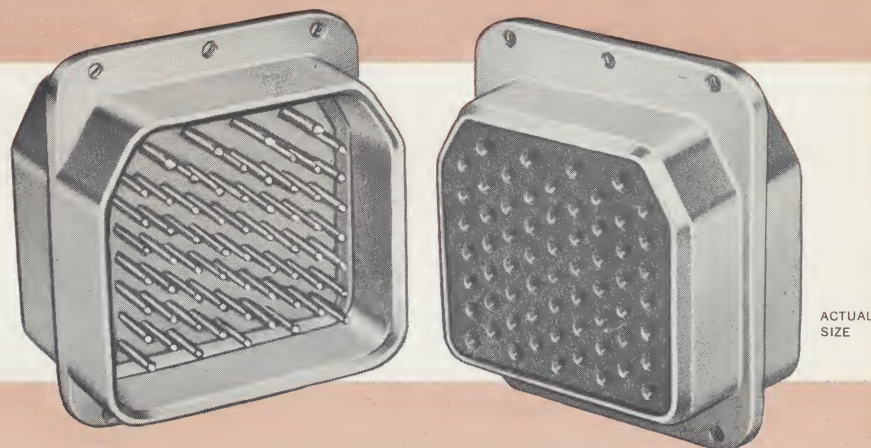
DPYC PLUGS

SUPPLEMENT TO DP CATALOG

CATALOG SUPPLEMENT DPYC-2/AUGUST 1963

GENERAL PURPOSE RACK/PANEL PLUGS

WITH "LITTLE CAESAR"
CRIMP, SNAP IN CONTACTS



Cannon's new DPYC is a general purpose rack/panel plug used extensively on ground support equipment and other non-environmental applications. The engaging portions of the shell are square, except for keystone shape on two corners for polarization.

The DPYC features Cannon's new "Little Caesar" Rear Release System, permitting the crimp, snap in contacts to be inserted by hand and extracted with a simple plastic tool from the rear of the plug. This

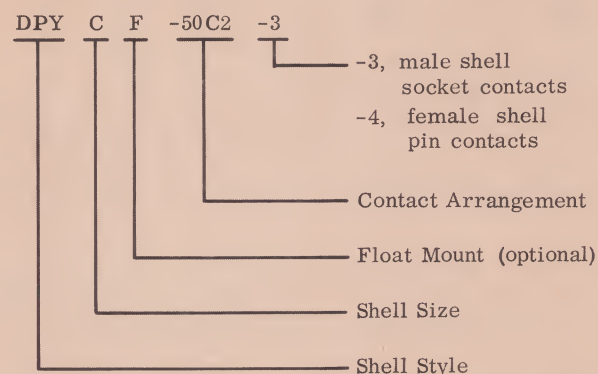
rear release design permits use of a hard front closed entry socket insert with lead-in chamfers for superior contact alignment. The diallyl phthalate insulator is a monobloc-type construction, and a resilient separator is bonded to the rear for wire support. The contacts are a new simplified design, providing greater resistance to bending. Dust caps are supplied on both front and rear surfaces of the plug for protection during shipment. DPYC plugs are intermateable and interchangeable with existing types now in the field.

CONDENSED DATA

<u>Shell</u>	Die cast aluminum per QQ-A591, Comp. 10. Shells are finished with yellow chromate over cadmium per QQ-P-416, Type II.
<u>Insulator</u>	Diallyl phthalate per MIL-M-19833, Type GDI-30F, dark brown color, per FED. STD. 595 #20062.
<u>Contacts</u>	Size #20, #16, #12 and #8 "Little Caesar" type with MS3190 crimp pot, copper alloy finished in rhodium over silver per MIL-C-26636. Contact size #20 with #18 wire accommodation is also available.

High Potential Test Voltage - 1500 VAC rms

PART NUMBER EXPLANATION

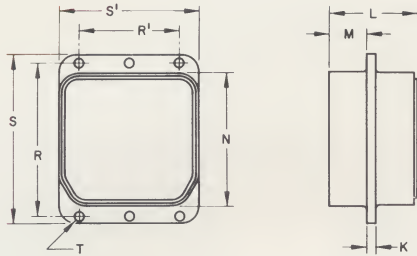


CANNON ELECTRIC COMPANY / 3208 HUMBOLDT STREET / LOS ANGELES, CALIFORNIA 90031

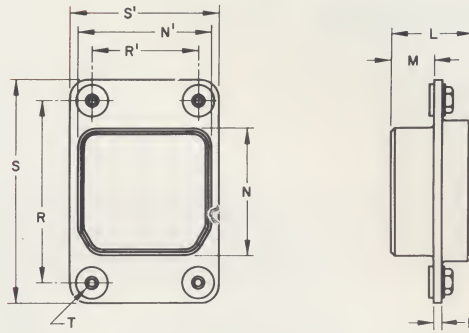
Los Angeles Division: 3208 Humboldt St., Los Angeles, Calif. 90031 / Salem Division: Pingree & Leavitt Sts., Salem, Mass. 01970 / Santa Ana Division: 666 E. Dyer Rd., Santa Ana, Calif. 92702 / Toronto Division: 160 Bartley Dr., Toronto 16, Ontario, Canada / Termination Tooling Division, 3208 Humboldt St., Los Angeles, Calif. 90031 / Microelectronics Division, 2121 S. Manchester Ave., Anaheim, Calif. 92802 / Phoenix Division: 2801 E. Airline, Phoenix, Arizona 85034.

DIMENSIONS

DPYC-*-3
DPYC-*-4



DPYCF-*-3 (WITH FLOAT MOUNTING)



		MOUNTING FLANGE THICKNESS	OVERALL LENGTH	MOUNTING FLANGE LOCATION	SHELL SIDE SIZE	SHELL TOP SIZE	MOUNTING HOLE LOCATION	SIDE LENGTH	MOUNTING HOLES
		K	L	M	N	N'	R R'	S S'	T
DPYC-*-4	in.	.100	1.096	.475	1.658		1.925 1.250	2.110 1.735	4-40 NC-2B
	mm.	2.54	27.83	12.07	42.11		48.90 31.75	53.59 44.06	(6 places)
DPYC-*-3	in.	.100	.942	.470	1.500	1.575	1.925 1.250	2.110 1.735	4-40 NC-2B
	mm.	2.54	23.92	11.93	38.10	40.01	48.90 31.75	53.59 44.06	(6 places)
DPYCF-*-3	in.	.100	.942	.502	1.500	1.575	2.143 1.250	2.625 1.735	4-40 NC-2B
	mm.	2.54	23.92	12.75	38.10	40.01	54.50 31.75	66.60 44.06	(4 places)

* Add contact arrangement.

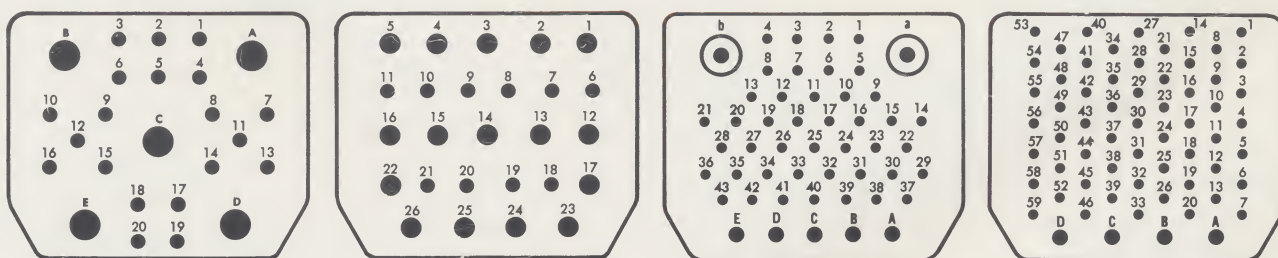
CONTACTS AND TOOLS

NOTE: The CET tools are for extraction only.
Insertion is accomplished by hand.

CONTACT SIZE	CONTACT NUMBER PIN	CONTACT NUMBER SOCKET	WIRE ACCOMMODATION	MAX. DIA. OVER INSULATION	INSERTION/ EXTRACTION TOOL NO.	CRIMP TOOL NUMBER
				INCHES MM.		
#20	S2020PH-D08	S2020SH-D22	20, 22, 24	.080 2.03		MS-3191-1
#2018	S2018PC-B08	S2018SC-B22	18, 20	.080 2.03	CIET-20	or
#16	S1616PH-E08	S1616SH-E22	16, 18	.100 2.54	CIET-16	CCT2016
#12	S1212PH-B08	S1212SH-B31	12, 14	.140 3.55	CET12-4	MS-3191-1
#8	S0808PH-D08	S0808SH-D31	8, 10	.250 6.35	CET 8-2	CCH-840
Coax.	249-1424-000	249-1425-000	RG-58/U	.200 5.08	CET-C8	Burndy MR8PV-S, modified by 058073-0001

CONTACT ARRANGEMENTS

Consult factory for other contact arrangements.



25
5 #8 (A-E)
20 #16 (1-20)

26
16 #12 (1-5, 12-17, 22-26)
10 #16 (6-11, 18-21)

50C2
2 coax. (a & b)
5 #16 (A - E)
43 #20 (1-43)

63
4 #16 (A-D)
59 #20 (1-59)

NUMBER ONE IN ELECTRICAL CONNECTORS...



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